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2.2 Catering to Student Diversity

2.2.1(1) Process to identify advance learners and slow learners:

- The institution recognizes the significance of addressing the diverse needs of students in practical educational settings.
- Educators and administrators work collaboratively to overcome challenges and implement activities that foster inclusivity and engagement.
- A mentor-mentee system has been established to provide personalized support, allowing mentors to continuously assess and guide students throughout their academic journey.
- Students' initial learning abilities are assessed based on their performance in entrance exams.
- Faculty members identify advanced and slower learners through internal assessments, annual exams, and their participation in class and practical sessions.
- Customized strategies are applied to specific subjects, papers, and practical sessions to cater to the unique needs of both advanced and slower learners.

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Various Steps Involved for Advanced Learners:

- Each department organizes activities tailored to its field, helping students explore and grow in their areas of interest.
- Students are provided access to MOOC courses to enhance their knowledge and learning experience.
- Numerous opportunities are created for students to develop their skills through workshops, seminars, and other activities.
- High-achieving students are motivated to aim for top university ranks and achieve excellence.
- Toppers are recognized and celebrated with certificates of appreciation, inspiring them to continue their journey of success.
- Based on their strengths and potential, students are guided and encouraged to appear for competitive exams like IELTS, GATE, GPAT, TOEFL, and more, opening doors to greater opportunities.

Area of Motivation	Description	Emotional Rewards/Impact
MOOCs Facilitated by	Students are encouraged to enroll in online courses for skill enhancement.	Builds confidence and equips students with cutting-edge skills.
Recognition for Toppers	Toppers are awarded medals and certificates.	Students feel valued and motivated to achieve more.
Skill-Building Activities	Students participate in workshops, seminars, and conferences.	Boosts teamwork, creativity, and leadership skills.
Guidance for Competitive Exams	Students are encouraged to attempt exams like IELTS, GATE, and TOEFL.	Opens pathways to higher education and global opportunities.
Motivating for Academic Excellence	Students are inspired to aim for university ranks.	Enhances students' self-esteem and drives them toward success.

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2.2.1(3) Special activities for advance learners:

Learning Activity	Details
Seminar Sessions	Conducted to provide in-depth knowledge and insights.
Group Discussions	Facilitated to encourage collaborative learning and idea exchange.
Debates	Organized to develop critical thinking and public speaking skills.
Problem-Based Learning Challenges	Engaged to solve real-world problems and enhance practical skills.
Projects	Assigned to apply theoretical knowledge in practical scenarios.

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MOOCs:

MOOCs (Massive Open Online Courses) are free or low-cost online courses available to large numbers of participants, offering flexible learning opportunities across various subjects. They are designed to provide accessible education from universities and institutions globally.

STUDENT LIST OF MOOCs

G M			Pa a
S. No.	Name of the Student	Registered No.	Year
1.	ALUMACHITTI NEHA	211710001	3rd
2.	BANAVATH PALLAVI	211710002	3rd
3.	BANDARU DIXITHA	211710003	3rd
4.	BANDARU PARSHURAM	211710004	3rd
5.	BANDARU POOJITHA	211710005	3rd
6.	BANOTH SRIDHAR	21171R0006	3rd
7.	BATI'ULA SAI KUMAR	211710007	3rd
8.	BEGARI RAKESH KUMAR	211710008	3rd
9.	BELLAMKONDA SREEJA	211710009	3rd
10.	BHUKYA INDHU	211710010	3rd
11.	BOKKENA SAISRIJA	211710011	3rd
12.	BOREDDY PRASANNA	211710012	3rd
14.	BUSAGARI NIKI-IL KUMAR	211710014	3rd
15.	CHERUKU VISHW TEJ GOUD	211710015	3rd
16.	CHINTHA SINDHUJA	211710016	3rd
17.	D MOUNIKA	211710017	3rd
18	DAGGULA LOKESH REDDY	211710018	3rd
19.	DOMALA SPANDHANA	21171R0019	3rd
20.	DUDIPALA GAYATHRI	21171R0020	3rd
21.	EDIGI SHASHIDHAR	211710021	3rd
22.	GADDAM SATVIK	211710022	3rd
23.	GANGULA MAHIMA	211710023	3rd



24.	GUBBA LAXMI		3rd
25.	GUGULOTHU VEERU		3rd
26.	GUJJARI SAGARIKA LAXMI		3rd
27.	GULLAPALLI SATHWIK		3rd
28.	GUNDLA SAI KRISHNA		3rd
29.	HANUMANTH KUMAR		3rd
30.	J RAMESH		3rd
31.	JALLOLU KALPANA		3rd
32.	JATOTHU AKHILA		3rd
33.	K KUMAR		3rd
34.	K RUGVEDI RAO		3rd
35.	KANCHI RAMYA SREE		3rd
36.	KANDIKANTI DEEPIKA		3rd
37.	KANUGULA YASHASWINI	211710037	3rd
38.	KASARAVENI SHEETHAL	211710038	3rd
39.	KASARAVENI SHEETHAL	211710038	3rd
40.	KONDUTI SANDHYA RANI	211710039	3rd
41.	KOTLA ASHWNI	211710040	3rd
42.	KUMMARI NITHYASRI	211710041	3rd
43.	KUSUMBA SHIVAJI	211710042	3rd
44	KYATHAM AKHIL REDDY	211710044	3rd
45	MADASU RAJKUMAR	211710045	3rd
46	MANCHUKONDA NANDNI	21171R0046	3rd
47	MEDARI DARATHI RECHAL	211710047	3rd
48	NŒKALA SWETHA	211710048	3rd
49	MODUGUMUDI MAHESH CHANDRA	21171R0049	3rd
50	MOFD JAVEED	211710050	3rd
51.	MUDIGONDA AKHLA	211710030	3rd

52.	NAGAPUR 1-mvfA VARHSA	211710052	3rd
53.	NAKIREKANTI PAVANI	21171R0053	3rd
54.	NOMULA KUSUMA	211710054	3rd
55.	PADIGELA SRUJAN	211710055	3rd
56.	PALLEY SUNNY SAKETH	211710056	3rd
57.	PATHIREDDY NKITHA	21171R0057	3rd
58.	PERKA SHARATHCHANDRA	211710058	3rd
59.	PRASAD PERUMANDLA SURYA VAMSHI	21171R0059	3rd
60.	RACHAKONDA ANITHA	211710060	3rd
61.	RACHUR BHANU PRAKASH	211710061	3rd
62.	RAMAVATH RUTHU PRABHA	211710062	3rd
63.	RUDRARAPU MANVITHA	211710063	3rd
64.	SAMREEN BEGUM	211710064	3rd
65.	SEGOJU SRI	21171R0065	3rd
66.	SHAIK TABREZ ALI	21171R0066	3rd
67.	SUNKARI ABHINAYA	211710067	3rd
68.	SURNAR ASHA	211710068	3rd
69.	SYED NADEEM	21171R0069	3rd
70.	THAKUR ROHTH	211710070	3rd
71.	THATI SAI MALIK	211710071	3rd
72.	VADLA POOJITHA	211710072	3rd
73.	VARANASI WVEENA	21171R0073	3rd
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75.	YADLAPALLY NAVYA	211710075	3rd
76.	ARROJU RETHIKA	211710076	3rd
77.	SHILPA LAXMAN AKKARAJ	211710077	3rd
78.	B SOWMYA GOUD	211710078	3rd
79.	BOYAPALLI UTT'EJ	211710079	3rd
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80.	BOMMALADEVI VIJAY KUMAR	211710080	3rd
81.	ASARAPALLY BHAVANA SANDHYA	211710081	3rd
82.	CHEEKOTI LAKSHMAN	211710082	3rd
83.	DUSARI BHANU PREETHI	211710083	3rd
84.	EDGI HANMAGOUD	211710084	3rd
85.	GADDAM NŒGHANA	211710085	3rd
86.	GORUPALLY NKI-IIL REDDY	211710086	3rd
87.	GOURA SRIKANTH	211710087	3rd
88.	GOVNDU ESHWAR	211710088	3rd
89.	KARUKONDA NAVYA	211710089	3rd
90.	KATIPELLY NIKI-IITHA	211710090	3rd
91.	GIRI LAKSFMI PRASANNA	211710091	3rd
92.	MALREDDY ANUSHA REDDY	21171R0092	3rd
93.	MANGALAGIRI KARTIK SAI	211710093	3rd
94.	MOFD MUJHTABAUDDN AHMED	21171R0094	3rd
95.	MARTHALA MYTHILI	21171R0095	3rd
96.	MUDAVATH SRIRAM	211710096	3rd
97.	MADEEHA JABEEN	211710097	3rd
98.	MANDA PRANATHI	211710098	3rd
99.	NABEELA MUBEEN	211710099	3rd
100.	SUMANTH PUNUGUPATI	21171ROOAO	3rd









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Seminar:





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Add-On Activities:

Pharmacovigilance:



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"PHARMACOVIGILANCE"

Pharmacy: Always Trusted For Your Health

CERTIFICATE OF PARTICIPATION

This certificate is presented to Ms. S. Asha for her active participation in the course of <u>Pharmacovigilance</u>, from 11/12/2023 to 16/12/2023, organized by Department of Pharmacy, Bharat Institutions in association with TASK.

Academic I/C

PRINCIPAL Bharat Institute of Technology Mangalpally (V. Ibrahimpetnam (M). R.R. Dist - 501 510, Telangana.

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Virtual Internship Program:



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"VIRTUAL INTERNSHIP PROGRAM(SMART BRIDGE SOFTWARE TEST AUTOMATION)"

Pharmacy: Always Trusted For Your Health

CERTIFICATE OF PARTICIPATION

This certificate is presented to Mr. Ch. Lakshman for his active participation in the course of Virtual Internship Program(Smart Bridge Software Test Automation), from 04/12/2023-04/02/2023, organized by Department of Pharmacy, Bharat Institutions in association with TASK.

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Mengelpelly (M. brahimpetnam (M),
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Workshop on CADD:



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Artificial Intelligence and machine Learning:



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Excel and Python Programming:



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Medical Coding And Billing:



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"MEDICAL CODING AND BILLING"

Pharmacy: Always Trusted For Your Health

CERTIFICATE OF PARTICIPATION

This certificate is presented to Ms. D. Bhanupreethi for her active participation in the course of Medical coding and billing, from 11/12/2023 to 16/12/2023, organized by Department of Pharmacy, Bharat Institutions in association with

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Group Discussion:

A group discussion is a structured exchange of ideas among participants on a specific topic to share diverse perspectives to enhance collaborative learning. It helps develop critical thinking, teamwork, and verbal articulation skills.





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Debate:

A debate is a formal discussion where participants present opposing arguments on a specific topic, aiming to persuade the audience or judges. It emphasizes critical thinking, structured reasoning, and effective communication.





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Projects:







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Workshop:





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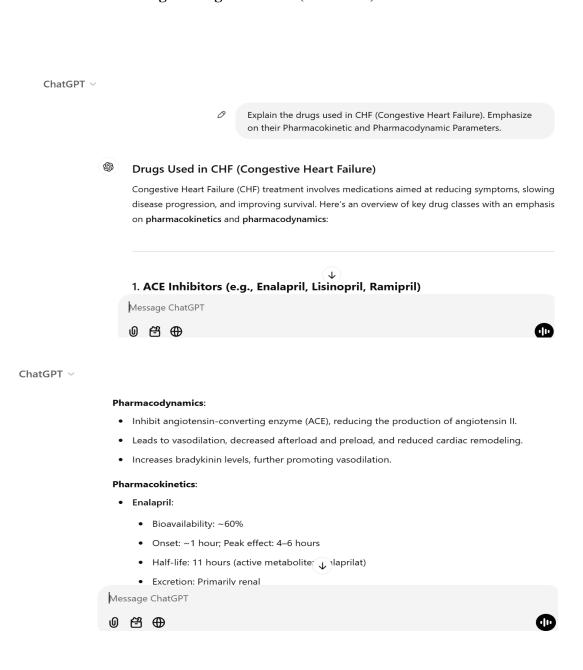
Technology Based and Multidecsiplinary Appraoch Teaching Adhering to NEP-2020:





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Personalized Learning Through AI Tools (ChatGPT):



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ChatGPT ~

Summary Table of Key Pharmacokinetic Parameters

Drug Class	Half-life	Bioavailability (%)	Onset Time	Excretion
ACE Inhibitors	6–12 hours	25–60	1–6 hours	Renal
ARBs	6–9 hours	25–33	1–2 hours	Renal and Fecal
Beta-Blockers	7–12 hours	25–90	1–4 hours	Hepatic and Renal
Diuretics	2–16 hours	50–73	5 min–2 days	Renal
Digitalis Glycosides	36-48 hours	70–80	2–6 hours	Renal
SGLT2 Inhibitors	12-13 hours	~78	1–4 hours	Renal and Fecal
Vasodilators	1–7 hours	25-51	15–30 min	Hepatic



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Graduation:





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Outcome Activities for slow learners:

Motivation Area	Details
Needs and Requirements Analysis	Students' needs and requirements are assessed through interactions.
Continuous Counseling	Ongoing counseling is provided to support slow learners.
Parental Updates	Regular updates are given to parents through mentoring.
Regular Mock Tests	Frequent mock tests are conducted to aid in exam preparation.

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Needs and Requirements Analysis:



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Bridge class/ Remedial Coaching:

A remedial class is an educational initiative aimed at aiding students encountering difficulties in particular subjects, offering tailored instruction to enhance their comprehension and proficiency.

Day	9.30am-	10.20am-	11.10am-	12.00-	12.50pm-	1.40pm-	2.30pm-	3.20pm-
	10.20am	11.10am	12.00pm	12.50pm	1.40pm	2.30pm	3.20pm	4.00pm
Mon	POC	PATHO	BIO	L	HAP	POC-I Ba	tch CA-	
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Mentor-Mentee Sessions:

Oh Tricoloux! You are not just a flag

You are our Nation's tag.

Oh Tricolour! You are not just woren Br Air,

You wave Br our hearts to be fair.

Oh Tricolour! You are not just remembered on occasions,

You are remembered for ever with all passion.

Oh Tricolour! You are our pride, You are our pride,

You are respected thation wide.

Oh Tricolour! You bring glory to the Nation,

And You are our Inspiration.

Oh Tricolour! Let me salute you with Anthemstune,

till "it reach far to the moon.

Oh Tricolour! You are not just a flag,

You are our Nation's tag.

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Mentor-Mentee Sessions:

POEM ON TRICOLOUR
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late love all when we See.
It Inspired Preedom Right,
And later spread freedom's light.
When you see it only mute, stand very straight and salvate
We may come forom any region, we must
honouse it regardless of stelligion.
In the was death who taces, Such brave
hearts tricolous Embraces.
Such a wish of always mine.
(ike a flame it should shine.
Even though Our body dies,
love for thicolous never dules.
- JAI HINDH-

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Continuous Counseling:







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Counseling to Slow Learners:



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Regular Mock Test:





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Outcome of slow learners:

Parental Updates:



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Parental Updates:

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Mentoring:

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YEAR OF ADMISSION	E BOXALTERS (About to September 1)
YEAR OF ADMISSION CATEGORY OF ADMISS	EION: CONVENOR MANAGEMENT SPOT

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Jigsaw Activity

Objective:

The primary goal of the jigsaw activity is to foster collaborative learning and ensure comprehensive understanding of the subject matter by engaging students in a structured group activity. The jigsaw technique aims to develop critical thinking, improve communication skills, and encourage active participation from all students.

STEP-1

Topic Selection: Choose a topic that can be divided into several subtopics. For example, in a history class, the topic could be "The American Revolution," with subtopics such as "Causes of the Revolution," "Key Battles," "Important Figures," and "Consequences of the Revolution."

Group Formation: Divide the class into small groups (4-6 students per group) ensuring a mix of abilities in each group.

Subtopic Assignment: Assign a different subtopic to each student within the original groups. These students will become "experts" on their assigned subtopic.

STEP-2

Expert Groups Formation: Students with the same subtopic from different original groups come together to form "expert groups." In these expert groups, students collaborate to research, discuss, and understand their subtopic in depth.

Expert Group Discussion: Each expert group works on their subtopic by:

Conducting research (using textbooks, online resources, etc.

Discussing key points and ensuring everyone understands the material.

Preparing to teach their original group about the subtopic.

Reformation of Original Groups: After sufficient time in expert groups, students return to their original groups.

Teaching and Sharing: Each student, now an expert on their subtopic, teaches the other members of their original group. This involves:

Presenting their findings.

Answering questions from group members.

Facilitating a discussion to ensure everyone grasps the subtopic.

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STEP-3

Group Assessment: assessing the group as a whole based on their understanding of the entire topic. This is done through group presentations, a collective project, or a group quiz.

Individual Assessment: Assessing individual students on their expertise and their ability to convey information to their peers.

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Jigsaw Activity on Communication Skills

A jigsaw activity was conducted with 60 second-year pharmacy students to enhance their understanding of communication skills. The activity aimed to foster collaborative learning, improve communication skills, and ensure comprehensive knowledge of the subject.

Step 1: Six groups were formed out of the 60 students. The topic "Communication Skills" was

introduced to all the groups simultaneously. The topic was discussed among the students and later divided into subtopics: Verbal Communication, Non-verbal Communication, Active Listening, Written Communication, Barriers to Effective Communication, and Interpersonal Communication. Each student in the original groups was assigned a different subtopic to become an "expert" on.

Step 2: Expert groups were formed with students who had the same subtopic from different original groups. These expert groups conducted research, discussed key points, and prepared to teach their original groups about their subtopic.

Step 3: After sufficient time in expert groups, students returned to their original groups.

Step 4: Each student taught their original group about their subtopic by presenting their findings, answering questions, and facilitating a discussion.

Groups were assessed through presentations, a collective project, and a group quiz on the entire topic. Individual students were assessed on their expertise and ability to convey information to their peers.

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Industrial Trips:

